

**POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE  
NEW DELHI**

Date of Reporting: **15-Jan-17**  
System Reliability Indices Report for: **14-Jan-17**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	5	1.25	5.21
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	NER Import	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

### Voltage Profile for the day of 14-Jan-2017

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)	
NR	Agra	0.00%	100.00%	0.00%	0.00%	793	747	773	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	757	765	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	757	764	
	Anta	0.00%	100.00%	0.00%	0.00%	798	764	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	790	754	773	
	Bhiwani	0.00%	97.92%	2.08%	2.08%	804	779	789	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	736	757	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	765	765	765	
	Jhatikara	0.00%	86.39%	13.61%	13.61%	808	760	786	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758	
	Lucknow	0.00%	90.90%	9.10%	9.10%	804	764	784	
	Lalitpur	0.00%	57.99%	42.01%	42.01%	817	769	796	
	Meerut	0.00%	90.76%	5.90%	5.90%	808	766	787	
	Moga	0.00%	98.89%	1.11%	1.11%	802	769	786	
	Phagi	0.00%	99.58%	0.42%	0.42%	802	756	782	
	Varanasi	0.00%	100.00%	0.00%	0.00%	765	765	765	
Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	753	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	749	774	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	752	775	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	753	764	
	Bina	0.00%	100.00%	0.00%	0.00%	797	757	780	
	Champa	0.00%	92.22%	2.85%	2.85%	802	781	790	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	765	777	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	739	773	
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	755	780	
	Indore	0.00%	100.00%	0.00%	0.00%	793	757	779	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	760	781	
	Koradi	0.00%	100.00%	0.00%	0.00%	770	770	770	
	Pune	0.00%	100.00%	0.00%	0.00%	799	739	772	
	Raigarh Pooling	0.00%	74.38%	25.63%	25.63%	805	783	793	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	772	787	
	Sasan	0.00%	100.00%	0.00%	0.00%	780	758	770	
	Seoni	0.00%	100.00%	0.00%	0.00%	795	758	776	
	Sipat	0.00%	100.00%	0.00%	0.00%	774	754	763	
	Solapur	0.00%	95.07%	4.93%	4.93%	809	766	792	
	Tamnar	0.00%	100.00%	0.00%	0.00%	765	765	765	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	754	765	
	Vadodara	0.00%	98.75%	1.25%	1.25%	802	769	787	
	Kurnool	0.00%	99.17%	0.83%	0.83%	803	775	787	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	774	784
Raichur		0.00%	99.17%	0.83%	0.83%	804	769	785	
Srikakulam		0.00%	100.00%	0.00%	0.00%	765	765	765	
Thiruvalem		0.00%	66.53%	33.47%	33.47%	807	789	798	
Vemagiri		0.00%	100.00%	0.00%	0.00%	765	765	765	
ER		Angul	0.00%	100.00%	0.00%	0.00%	794	775	785
		Gaya	0.00%	100.00%	0.00%	0.00%	788	750	770
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	800	777	789	
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	782	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	408	
	Bongaigaon TPS (400 kV)	0.00%	89.65%	10.35%	10.35%	423	405	415	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	400	400	400	
	Palatana (400 kV)	0.00%	79.72%	16.67%	16.67%	421	414	405	
	Misa (400 kV)	0.00%	72.36%	27.64%	27.64%	426	406	415	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	400	400	400	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	413		

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.